Abstract

The present invention aims to provide incremental automotive transportation to a person wearing a pair of identical motorized shoes. Each shoe houses in its sole an assembly of electrically powered set of wheels clasped over longitudinally by a conveyor from heel to toe. The assembly, skewed at an adjustable angle from the longitude towards the instep, is initially in an elevated no-contact position with an underlying surface. When lowered and switched on, the assembly operates and transports the shoe forward, which is in contact with the surface through it only. The assembly is designed to neutralize forces acting to disrupt its operation during walking while the sole is equipped to provide stability by absorbing impacts. Further, multiple assemblies can be housed in one sole wherein some of them can be tilted, twisted, reflexively twisted, recessed and all have electronic sensors. Additionally, all electro-mechanical operations can be remote and computer controlled.